The Office of breigy Efficiency is a dynamic new initiative to renew, strengthen and expand Canadas commitment to energy efficiency and address the challenges of climate change.

Leading Canadians to Energy Efficiency at Home, at Work and on the Road

Office of Energy Efficiency Office de l'efficacité énergétique









Office of Energy Efficiency Auto\$mart Program

Car Economy Calculator



## Tips for Improved Fuel Economy

Use the Car Economy Calculator to keep track of your vehicle's fuel use. An unexpected increase in fuel consumption may indicate a need for vehicle maintenance. Reducing fuel use means reducing the production of carbon dioxide (CO<sub>2</sub>), a major greenhouse gas linked to climate change. Remember, one litre of gasoline, which weights 0.75 kg, can produce 2.4 kg of CO<sub>2</sub>. Use these simple tips to save money, reduce fuel consumption and reduce harmful CO<sub>2</sub> emissions:

Keep your tires properly inflated.

For every two pounds per square inch (14 kPa) of under-inflation, fuel consumption is increased by one percent. 2 Avoid unnecessary

idling.
Typically, idling for one hour consumes 1.4 litres of fuel. If all Canadian motorrist avoided idling for only 10 minutes a day, approximately 3 million tonnes of CO<sub>2</sub> emissions would be avoided every year.

Keep your car properly maintained.

A poorly maintained car can consume between 15 and 50 percent more fuel than one that is properly maintained. Monitor your driving

speed.
Driving 90 km per hour rather than 100 km per hour can reduce fuel consumption by 10 percent. Driving 90 km per hour rather than 110 km per hour can reduce fuel consumption by 20 percent.

Tear off this scale and insert in calculator sleeve.



## Did you know ...?

One litre of gasoline, which weighs 0.75 kg, can produce 2.4 kg of CO<sub>2</sub>. See our four tips or reduce these harmful emissions.





90 80 70 60 50 45 40 35 30 25 20 18 16 14 12 3.5 4 4.5 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 25

Tear off this scale and insert in calculator sleeve.

## How to Use the Car Economy Calculator and Log

- 1 Fill up your fuel tank and record the odometer reading in the log.
- At your next fill-up, record the new odome: reading. Subtract the previous reading from the new reading and record this figure under kilometres or miles (km or mi.) travelled.
- 3 Position the scale so that the amount of fuel used is directly opposite the distance travelled in miles or kilometres.
- A Read the figure in the window below. This setting gives the equivalent values in miles per gallon (MPG) and littes per 100 kilometres (L/100 km). The greater the MPG, the better the fuel economy; conversely, the fewer L/100 km, the better the fuel economy.

Car Economy Log											
Date	Odometer reading	km or mi. travelled	Litres of fuel consumed	Fuel cost (\$)	L/100 km or MPG						
1/7/99	17,700 km										
15/7/99	18,100 km	400 km	31 L	17.05	7.7 L/100 km						
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				Miles tra	evelled					
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Litres									Litres	
of fuel	- CORRE		250	ima ani	NH. HALL	REDURA				of fuel
			Kilo	ometres	travel	led				





tel more information on now to reduce fuel consumption, save money and reduce CO<sub>2</sub> emissions, call the Office of Energy Efficiency's publications line at 1-800-387-2000 or write to:

Office of Energy Efficiency

AutoSmart Program
Natural Resources Canada

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